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Coconut Shell Activated Carbon



Introduction

Yihang brand coconut shell activated carbon is made from high-quality coconut shell through a series of production processes. Coconut shell activated carbon is black in appearance, granular and powdery.

Iodine is the main indicator of coconut shell activated carbon. We can produce coconut shell activated carbon with different indicators to meet the needs of customers. The higher the iodine value, the better the adsorption effect of coconut shell activated carbon and the better the water resistance.

Advantages

- 1. The density is small and the effect is good.** Coconut shell activated carbon has developed pores and strong adsorption capacity. The adsorption effect of coconut shell activated carbon with the same weight is better than that of similar nut shell activated carbon.
- 2. Low loss and renewable.** It has a high degree of wear resistance. Compared with other activated carbons, coconut shell activated carbon has the advantage of ensuring high specific surface area and good hardness. Can be reused repeatedly.
- 3. Safe to use, no secondary pollution.** Coconut shell activated carbon has high mechanical strength and hard texture. It is easy to recycle after use.

Application

Coconut shell activated carbon has a wide range of applications, roughly divided into the following categories (if customers have special needs, we can provide customized services):

1. Water purification (drinking water, pure water, urban water and industrial wastewater treatment).
2. Swimming pools and aquariums.
3. Gold refining.
4. Use as water filter or industrial canister filter filler.
5. In addition to turbidity, aging wine and other alcoholic beverages.
6. Food decolorization.
7. Air purification.
8. Desulfurization in oil refining industry.

Parameters

Item	Technical Specification				
Iodine Value (mg/g)	≥ 800	≥ 900	≥ 1000	≥ 1050	≥ 1100
Specific surface area(m ² /g)	≥ 800	≥ 900	≥ 1000	≥ 1100	≥ 1200
CTC (%)	≥ 45	≥ 50	≥ 55	≥ 60	≥ 65
Hardness (%)	≥ 98	≥ 98	≥ 96	≥ 96	≥ 95
Moisture (%)	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8

Package

Package: 25kg/PP bag, 500kg/jumbo bag
Inner plastic: Double layer
(According to customer's requirements)

